

jnet
conf

conf

| QUERY |  |
| :---: | :---: |
| UniRef9 |  |
| UniRef9 | V5RQV |
| UniRef90_C4LFD2 |  |
| UniRef90-D3UM52 |  |
| UniRef90_B0K3B7 |  |
| UniRef90_R5BN42 |  |
| UniRef9 | UPI00030213E |
| UniRef90_UPI0002492D6D |  |
| UniRef90_G7V6B4 |  |
| UniRef90_G8PEJ6 |  |
| UniRef90_C6PQK2 |  |
| UniRef90_I9M7D6 |  |
| UniRef90_E6MIY1 |  |
| UniRef90-UPI00037AD763 |  |
| UniRef9 |  |
| UniRef90_B2TLK5 |  |
| UniRef90-J3ES93 |  |
| UniRef90_D3L3P5 |  |
| UniRef90_H1PQC3 |  |
| UniRef90-D1AFL7 |  |
| UniRef90_Q0TRW8 |  |
| UniRef90_D2Z8G8 |  |
| UniRef90-M5DX03 |  |
| UniRef90_T0C8S1 |  |
| UniRef90_E3H9G3 |  |
| UniRef90_UPI0002627E5D |  |
| UniRef90-D5XBU6 |  |
| UniRef90-H3LI37 |  |
| UniRef90-F7NH21 |  |
| UniRef90_UPI0002EAEEF0 |  |
| UniRef90_U2QEV7 |  |
| UniRef90_UPI00047BCE6C |  |
| UniRef90_W2BRJ5 |  |
| UniRef90-R6G9W5 |  |
| UniRef90_U7VEM7 |  |
| UniRef90_Q6YNM1 |  |
| UniRef90-I3VRW4 |  |
| UniRef90-S0J4Q5 |  |
| UniRef90_I6XQD8 |  |
| UniRef90-E3CVA2 |  |
| UniRef90_G0EI74 |  |
| UniRef90_B8FDN6 |  |
| UniRef90-J3EVS0 |  |
| UniRef90-W9BLL4 |  |
| UniRef90_D8JB91 |  |
| UniRef90_L7EN86 |  |
| UniRef90-F9DQU4 |  |
| UniRef90_UPI00035DF8DB |  |
| UniRef90_E3HDB0 |  |
| UniRef90 ${ }^{-}$A0A024LYM0 UniRef90 UPIO0036C2415 |  |
|  |  |
| UniRef90-R6G8Y1 |  |
| UniRef90_S6F9H4 |  |
| UniRef90_A5ZM62 |  |
| UniRef90_UPI0003B50165 |  |
| UniRef90_R5TMH6 |  |
| UniRef90-R5RU48 |  |
| UniRef90_R2QSB2 |  |
| UniRef90_UPI00047BC154 |  |
| UniRef90_L6X0J1 |  |
| UniRef90_UPI0001FFF2FA |  |
| UniRef90_S3X9M6 |  |
| UniRef90_D2S4X8 |  |
| UniRef90 K918B2 |  |
| UniRef90-C0E8B5 |  |
| UniRef90_A0A023V4B1 |  |
| UniRef90 K6L997 |  |
| UniRef90_14BQM0 |  |
| UniRef90_UPI000463576D |  |
| UniRef90-A1UN21 |  |
| UniRef90_W9ATZ9 |  |
| UniRef90_Z5XJH4 |  |
| UniRef90_A0R5U9 |  |
| UniRef90-A0A018SEB6 |  |
| UniRef90-X5LQY4 |  |
| UniRef90_V5XIJ9 |  |
| UniRef90-K0UPF4 |  |
| UniRef90_A4T657 |  |
| UniRef90_X5KSI9 |  |
| UniRef90_L8FMS0 |  |
| UniRef90_17G3C9 |  |
| UniRef90-A0A010YIW5 UniRef90_Q6YNM7 |  |
|  |  |

NPY G A T 130
140
150
160
NPYGIA TVFNLSPEETKNVVPMARALIGNRSAVVVKTPSG NPYGIATVFQLDAQDTKQVVPIARALIGNRSAVVIMTPKG






N
N P Y G

N
N
N
N
N
N

 NPYGV峝T

P $V$ A T 1
N

## N

## 

 N N N

N P Y G N P YG A T L N P Y G I
N P Y D l $\begin{array}{llllllll}N & P & Y & D & A & T & L & F \\ N & D & Y & L & L & S & P & E\end{array}$

A TV
NPYGL
NPYGL
N
N
$\stackrel{N}{N}$
$\stackrel{N}{N}$

## 



## N




DSYGLASTFDLDAEQTRQVSPVARALSGNRSAVVVRTPAG NPYGIATLFELSPEETKQVVPLARALVGNRSAVVIKTPAG

 NP
DP円ALSAALGRADSUVDAEFCRELADSAADAVTR
DPIALSAALRLPPESLREVAEFCRELAD SAAIAVTPRT DPIALSAALQLGHDRLDDVEFTRELADAADAVTART



[^0]conf

| QUERY | D V |
| :---: | :---: |
| UniRef90_UPI0003F6B2C8 | D V |
| UniRef90_V5RQV1 | D V |
| UniRef90_C4LFD2 | D V |
| UniRef90_D3UM52 | D V |
| UniRef90_B0K3B7 | E V |
| UniRef90_R5BN42 | D V |
| UniRef90_UPI00030213E5 | D V |
| UniRef90_UPI0002492D6D | D V |
| UniRef90_G7V6B4 | E V |
| UniRef90_G8PEJ6 | D V |
| UniRef90-C6PQK2 | D V |
| UniRef90-19M7D6 | D V |
| UniRef90_E6MIY1 | D V |
| UniRef90_UPI00037AD763 | D V |
| UniRef90_LOILR3 | E V |
| UniRef90_B2TLK5 | D V |
| UniRef90_J3ES93 | D V |
| UniRef90_D3L3P5 | E V |
| UniRef90-H1PQC3 | D V |
| UniRef90-D1AFL7 | D V |
| UniRef90-Q0TRW8 | D V |
| UniRef90_D2Z8G8 | E V |
| UniRef90-M5DX03 | D I |
| UniRef90-T0C8S1 | E V |
| UniRef90-E3H9G3 | D V |
| UniRef90-UPI0002627E5D | D V |
| UniRef90_D5XBU6 | D V |
| UniRef90_H3LI37 | D V |
| UniRef90-F7NH21 | D V |
| UniRef90_UPI0002EAEEF0 | D V |
| UniRef90_U2QEV7 | D V |
| UniRef90_UPI00047BCE6C | D V |
| UniRef90_W2BRJ5 | D V |
| UniRef90_R6G9W5 | D V |
| UniRef90_U7VEM7 | D V |
| UniRef90_Q6YNM1 | D V |
| UniRef90_I3VRW4 | Q V |
| UniRef90-S0J4Q5 | D V |
| UniRef90-I6XQD8 | D V |
| UniRef90_E3CVA2 | E V |
| UniRef90_G0EI74 | N V |
| UniRef90_B8FDN6 | D V |
| UniRef90-J3EVS0 | D V |
| UniRef90_W9BLL4 | D V |
| UniRef90_D8JB91 | D V |
| UniRef90-L7EN86 | D V |
| UniRef90-F9DQU4 | Q I |
| UniRef90_UPI00035DF8DB | D I |
| UniRef90_E3HDB0 | D V |
| UniRef90-A0A024LYM0 | D V |
| UniRef90-UPI00036C2415 | D V |
| UniRef90_R6G8Y1 | D V |
| UniRef90_S6F9H4 | E V |
| UniRef90_A5ZM62 | N I |
| UniRef90_UPI0003B50165 | D I |
| UniRef90-R5TMH6 | N I |
| UniRef90_R5RU48 | N V |
| UniRef90-R2QSB2 | D V |
| UniRef90-UPI00047BC154 | G V |
| UniRef90_L6X0J1 |  |
| UniRef90_UPI0001FFF2FA | D V |
| UniRef90_S3X9M6 | D V |
| UniRef90_D2S4X8 | D V |
| UniRef90_K918B2 | D V |
| UniRef90_C0E8B5 | S V |
| UniRef90_A0A023V4B1 | D V |
| UniRef90-K6L997 |  |
| UniRef90-14BQM0 |  |
| UniRef90_UPI000463576D |  |
| UniRef90_A1UN21 |  |
| UniRef90-W9ATZ9 |  |
| UniRef90_Z5XJH4 |  |
| UniRef90_A0R5U9 |  |
| UniRef90_A0A018SEB6 |  |
| UniRef90-X5LQY4 |  |
| UniRef90_V5XIJ9 | D |
| UniRef90 K0UPF4 | D V |
| UniRef90_A4T657 | D |
| UniRef90_X5KSI9 |  |
| UniRef90_L8FMS0 | P V |
| UniRef90_17G3C9 |  |
| UniRef90_A0A010YIW5 |  |
| UniRef90_Q6YNM7 |  |

lupas_21
lupas_14
lupas_28
jnet
conf
1 ——Ber 10

```



```

150
160
B
solo
jhmm
jpssm


[^0]:    DPFWLADVFGLSDAERADARVIADQLFDSACAVVC DPFWLADAFALGDDERADARTVADQLFDSVCAVVTLDAQA DPFFLTDVFGLGSDERGDARVVADQLFDSTCAVVYLDPRP DPAASAAKELPAGSLVDVAEFCREAD TAAVAVTPRT
     DPFWLTDTFGLHDGERVDARVVADLLYDSACAVVCLD DPLFLASGFGVGAEENDDVRRARQLADVSSAAV

